

Synthesis of phosphonic esters containing heterocyclic groups - Communication 8. Dialkyl (3-methyl-2-quinoxalinylmethyl)phosphonates

Arbuzov B., Zoroastrova V.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

1. By the reaction of 2-(chloromethyl)-3-methylquinoxaline with triethyl, triisopropyl, and tributyl phosphites the corresponding (3-methyl-2-quinoxalinylmethyl)phosphonic esters were synthesized. 2. By the reaction of 2-(chloromethyl)-3-methylquinoxaline 1- or 4-oxide with triethyl phosphite diethyl (3-methyl-2-quinoxalinylmethyl)phosphonate 1- or 4-oxide was prepared. Some of the properties of the compounds synthesized were studied. © 1966 Consultants Bureau.

<http://dx.doi.org/10.1007/BF00856044>
